

Fig. 1

Figure 2: Conceptual Schematic (Server Model)

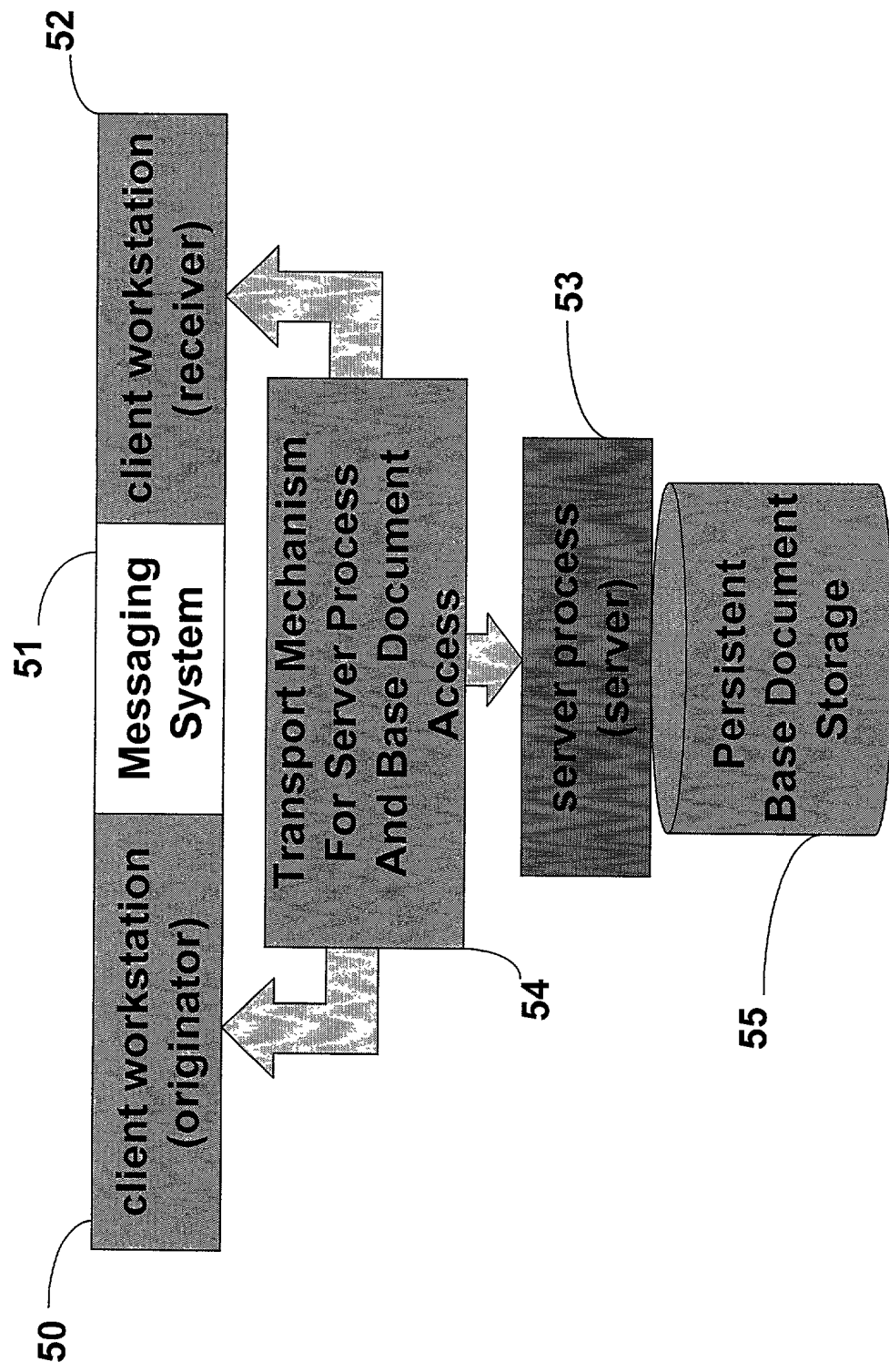


Figure 3: Conceptual Schematic (Peer-to-Peer Model)

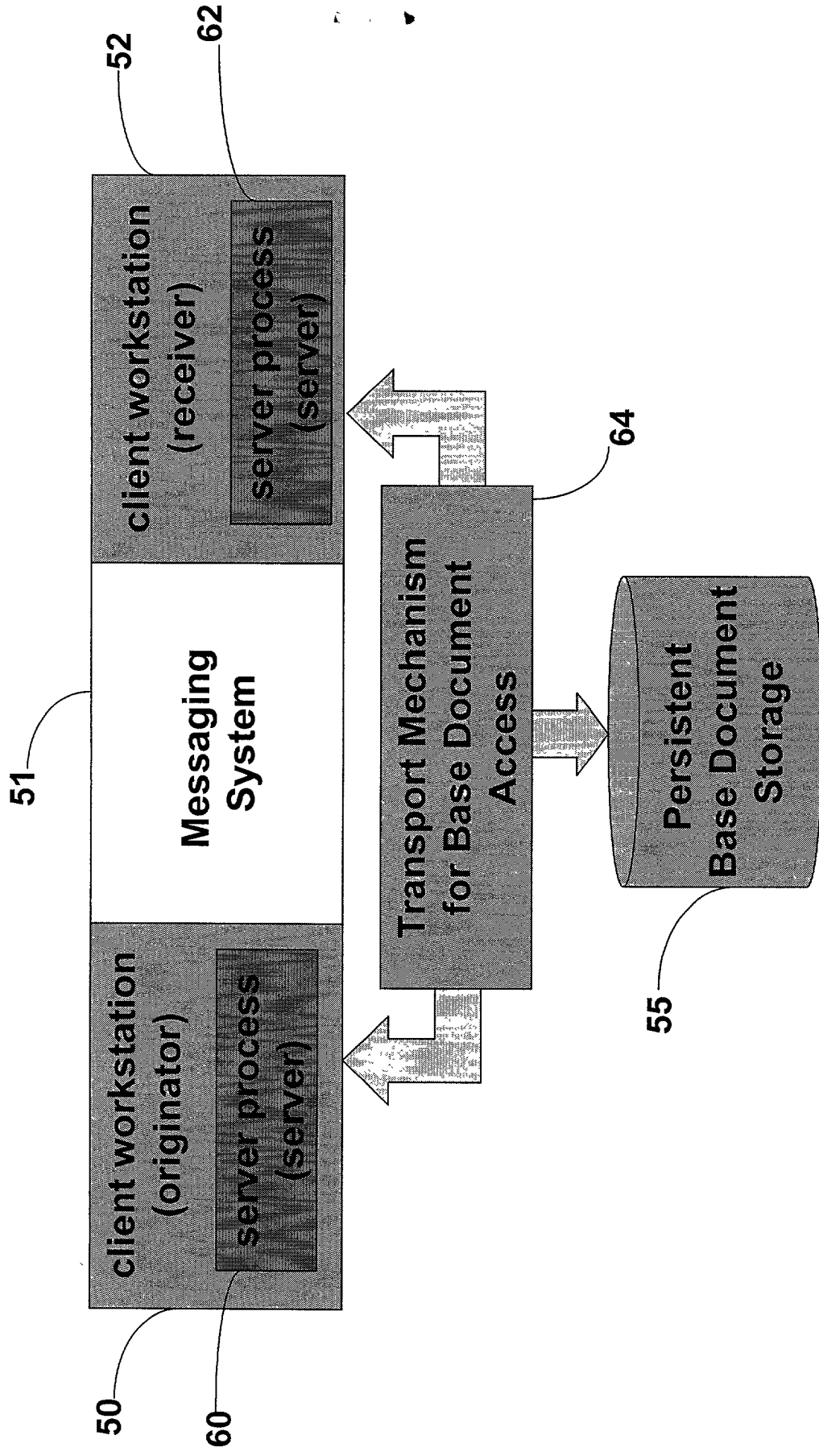


Figure 4: Preferred Embodiment: Block Diagram

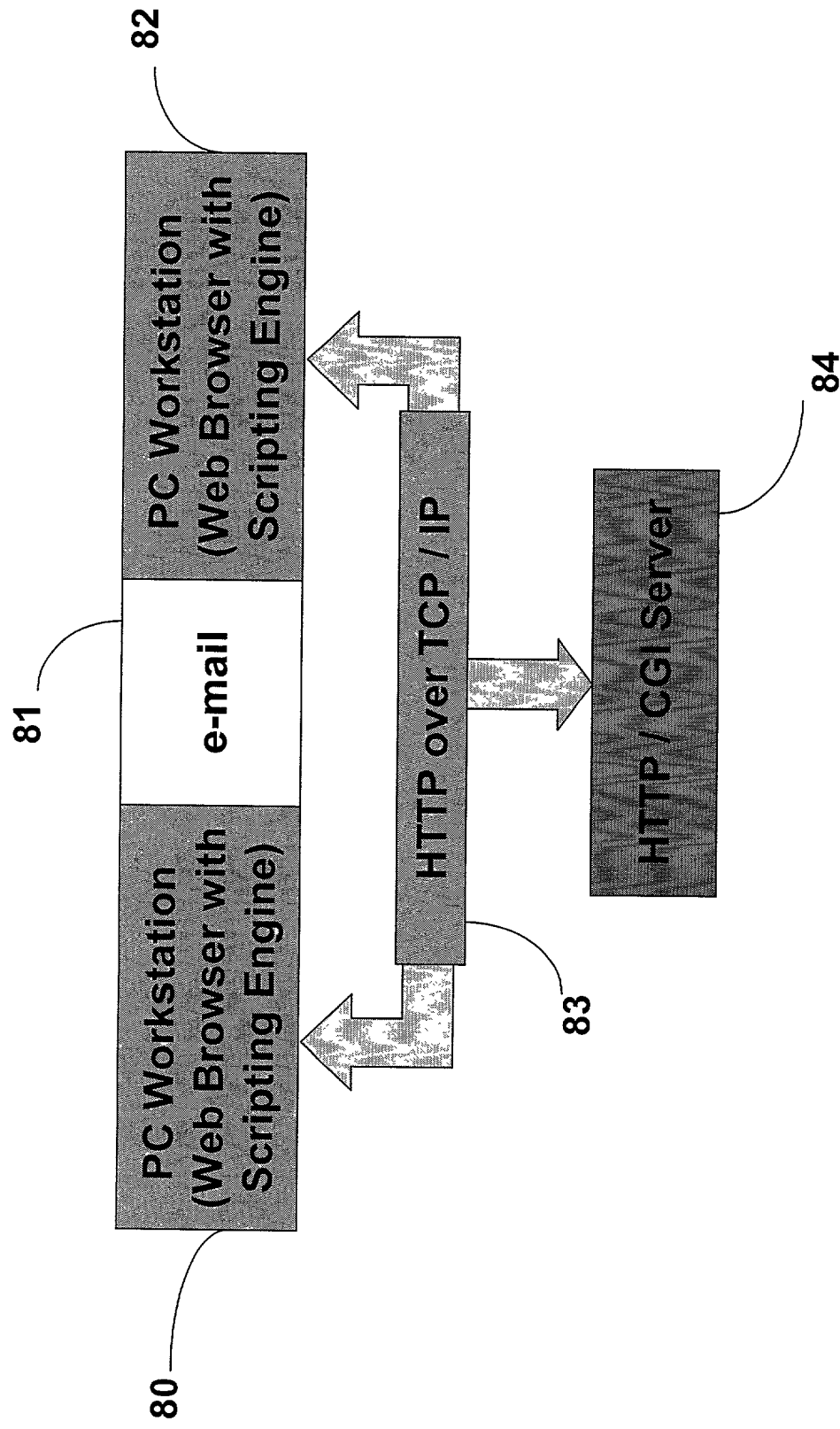


Figure 5: Preferred Embodiment: Collaborative Content  
(Represented by URL and XML)

**Listing 1: URL Part One -- Document, Zoom Level, and Position**

http://localhost/dpr/ds.dpv/00016J/1/123?dpv=bt7dc0dm1dn1do1e0h5i680j4400k256i0n-2441o-25p1r0s33st0t0t0w7x896xm0xt7y640ym0yt5&DPDB\_IDNT=/GIBBS/00016J/1&DPDB\_SH=04131

**Listing 2: URL Part Two -- Markup Consisting of Circle, Arrow, and Text Box**

&RCR=circle|2140|2542|2565|3248|1&\_RAR=arrow|3544|3202|2982|2701|1&\_RTX=this%20is%20a%20collaborative%20element|3544|3058|5229|3787|13176|1?1,448

**Listing 3: XML -- Document, Zoom Level, and Position + Markup Consisting of Circle, Arrow, and Text Box**

<?xml version="1.0" encoding="ISO-8859-1"?>

<!DOCTYPE collaborative-content

PUBLIC "-//Digital Paper, Corp../DTD Collaborative Content 1.0/EN" "http://xml.digitalpaper.com/dtds/web-app\_2.2.dtd">

<collaborative-content>

<dp-document >

<docid>00016J</docid>

<zoomlevel>78</dp-zoomlevel>

<xpos>3498</xpos><ypos>2819</ypos>

</dp-document>

<collaborative-elements>

<element-circle name="circle" visible="yes"><ul-point>2140,2542</ul-point><lr-point>2565,3248</lr-point></element-circle>

<element-arrow name="arrow" visible="yes"><ul-point><lr-point> 2982,2701 </lr-point></element-arrow>

<element-text name="this is a collaborative element" visible="yes"><ul-point> 3544,3202 </ul-point><lr-point> 2982,2701 </lr-point></element-arrow>

</collaborative-elements>

</collaborative-content>

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NOTE:  
1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.  
2. BREAK ALL SHARP EDGES AND ROUNDS AND ROUNDS AND ROUNDS.  
3. SURFACE FINISHES SHALL BE 32 RMS UNLESS OTHERWISE SPECIFIED.  
4. COAT ALL SURFACES WITH ACOATING #314.

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THIS IS A COLLABORATIVE ELEMENT